

NOTES:

- * Facility (CAPSTC) Built in 2016
- * 13,000 of padded classroom (120sf per 2 people)
- * Currently Fire 350 sworn, PD 662 sworn - Aurora population 362,000
- * The goal is to have 2 officers per 1000
- * There are 5 classrooms
- * Academies:
 - PD 1 x basic 45 + (26 weeks)
 - PD 2 x lateral 20 + (15 weeks)
 - FIRE x basic 24 (15 weeks)



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CAPSTC

City of Aurora Public
Safety Training
Center

Overview

What has Worked Well

State of the art building

Location allows room to expand

Drill Grounds & Amenities

EVOC track

Fire Blast Class A

Integrated Office Space for Police and Fire

Opening the building to host 'external' groups and events.

Example:

- Korean delegation
- Chamber of Commerce

What Would be Done Differently

Gun lockers in main corridor for multi-use room.

Larger multi-use room for graduations.

More classrooms to meet external demand on space.

Retention Pond & Design

Full service kitchen on each floor.

All season shelter / station at the EVOC Track with a carport.

Building Staffing:

Larger staff / management team to handle 12-15 hour service windows daily. Day porter, maintenance, manager, etc.

Equipment & Maintenance:

Simulator Room: Flat projection wall vs. cinder block.

Choosing basic equipment that can be serviced locally. Be directly involved with hardware and software purchases along with the design teams.

Example:

Auto sensor sinks, foreign exhaust system on Apps Bay.

Ensure that all classroom tables are on rollers, and you have the direct ability to reorder chairs and tables.

Separate reception and administrative demands.



Administrative staff spend 30-50% of their day managing building access.



Historical displays are a big hit.



Full kitchen needed on each floor for daily and event needs.

City of Aurora Public Safety Training Center (CAPSTC)

ADMINISTRATION BUILDING

TOUR STOP 1: Entrance Lobby

A few overall project facts:

- Overall Projects Site = 22.69 acres
- Administration Building = 44,000 S.F.
- The Administration Building is preconfigured to allow expansion of approximately 32,895 s.f.
- Construction began in Spring 2015: 10.5 month duration
- Facility provides learning, training and practical application simulation environment for over 1,000 active duty Aurora Fire and Police Personnel to maintain over 70,000 hours of annual training requirements.

Lobby:

- Building features multiple layers of security and access control.

Art History Wall:

- The Aurora Police Department (APD), Aurora Fire Department (AFD), History Museum and Art in Public Commission collaborated to produce the facility's "Art History Wall".
- The exhibit spans 2 floors of the building and is comprised a graphic timeline that depicts the Aurora Police and Fire Department's inception, development and evolution to current day. A video display allows for the easy addition of new content.
- Memorabilia and equipment from each department is integrally mounted within the display. The second floor includes a panel to memorialize Aurora Fire and Police personnel who gave their lives in the line of duty.

TOUR STOP 2: Multi-Use Bay

- 3,568 s.f.
- Extensive large format multimedia capabilities to facility training.
- Large garage bay door so that vehicles can be incorporated for training purposes.
- Bleachers provide seating for 200 occupants.

TOUR STOP 3: Practical Applications Bay

- 6,404 s.f.
- Provides space for storage and training on large public safety related vehicles and equipment.
- Mezzanine area provides interior repelling and laddering scenarios.

- An "Air Cascade System" is provided to fill SCBA (Self-Contained Breathing Apparatus) air bottles for fire department personnel.
- Large garage bay doors so that vehicles can be incorporated for training purposes. Each door bay is equipped with a vehicle exhaust evacuation system.

TOUR STOP 4: Dirty Classroom

- Classroom with durable and "harden" surfaces for training with equipment and tools.
- Ceiling features "hard points" to facilitate rope and harness training in a secure and controlled environment.

TOUR STOP 5: Wellness Center

- Wellness Center provides fitness equipment and training space to facilitate the development and maintenance of AFD and APD personnel job mandated physical strength and endurance requirements.

TOUR STOP 6: Administrative Offices

- 5,000 s.f.
- Fire and Police training personnel collaboratively share office space and administrative resources within facility.
- The administrative office area is comprised of a mix of closed offices and "open office" workstations.

TOUR STOP 7: Large Conference Room

- Large conference room space

TOUR STOP 8: History Wall Continued

- Memorial to fallen Aurora Police and Fire personnel.

TOUR STOP 9: Large Classroom

- 1,937 s.f., divisible by acoustic, folding partitions.
- 98 student capacity in current desk configuration.
- Extensive A/V capacity.
- "Dark-out" shades provide optimal video projection environment

TOUR STOP 10: Recruit Breakroom

- Recruit "break", dining and gathering space

TOUR STOP 11: Recruit Classroom / Lateral

- 568 s.f.
- 24 student capacity

- Typical of facilities smaller classrooms.
- Extensive A/V capabilities typical throughout the facility

CLASS "A" BURN BUILDING

- A Class "A" Burning building creates a training environment for fire department personnel to experience "live" fire training scenarios using combustible materials.
- The building was designed to recreate typical scenarios that the AFD encounters in the real world such as 2-story and ranch style homes with "walk-out basements", window wells, flat and sloped roof pitches, etc.
- The burn building also provides training simulations for door, wall and roof breaching / forcible entry, ventilation training, multi-room search and multiple entry and exit points, ladder and roof work.

DRILL TOWER

- The drill tower is a 6 story, 53'-6" tall tower with repelling at all levels, including the top platform.
- The drill tower will be used extensive by BOTH the APD and AFD.
- The building simulates exterior & interior and commercial & residential stair configurations that the APD and AFD may encounter in the real world.
- The tower creates simulated environments for both APD and AFD to practice building "approach" techniques, repelling, multiple room and building "clearing" exercises, breaching / forcible entry techniques, confined space training techniques, and "maze" training.
- The building features the following "gas" LPG fueled fire props: warehouse & roll-over fire prop, kitchen fire prop, bed fire prop, as well as hallway fire roll-over. LPG fueled fires are more realistic to true combustible fueled fires in regard to "flame behavior".

DRIVER SKILL PAD:

- 5 acres of paved surface
- Provides programmatic area for APD and AFR to refine practice vehicle control techniques.

Room Usage (Business Hours, WeekDays Only)

My Location: CAPSTC
Time Difference: -7 hour(s)

From: Sunday, January 01, 2017
To: Thursday, August 31, 2017

Total number of reservations during specified period: 2054
Total number of Business Hours during specified period: 2784
Total Number of Attendees during specified period: 48050

| Location | Meeting Room | Number of reservations | %age of Total Reservations | Number of Hours in Use | %age Usage of Total Business Hours per Room | Total Number of Attendees |
|-----------------------|-------------------------|------------------------|----------------------------|------------------------|---|---------------------------|
| Drill Grounds | Car/Dumpster Prop | 9 | 0.44% | 77.00 | 2.77% | 166 |
| Drill Grounds | Tactical Village | 15 | 0.73% | 101.50 | 3.65% | 352 |
| Conference Rooms | Large Conference | 85 | 4.14% | 313.50 | 11.26% | 882 |
| Practical Trng Indoor | Technical Training Room | 87 | 4.24% | 641.50 | 23.04% | 1,514 |
| Conference Rooms | Small Conference | 88 | 4.28% | 240.50 | 8.64% | 487 |
| Drill Grounds | Class A Burn House | 88 | 4.28% | 676.00 | 24.28% | 1,728 |
| Practical Trng Indoor | Multi-Use B | 93 | 4.53% | 490.00 | 17.60% | 2,653 |
| Classrooms | Room 210 | 112 | 5.45% | 1,071.00 | 38.47% | 2,442 |
| Classrooms | Room 204 | 114 | 5.55% | 916.00 | 32.90% | 3,462 |
| Drill Grounds | EVOG | 119 | 5.79% | 811.00 | 29.13% | 2,601 |
| Classrooms | Room 203 | 122 | 5.94% | 983.00 | 35.31% | 3,295 |
| Drill Grounds | Tower 3-5 | 130 | 6.33% | 879.50 | 31.59% | 2,543 |
| Practical Trng Indoor | Practical Apps | 136 | 6.62% | 1,237.50 | 44.45% | 2,609 |
| Classrooms | Room 213 | 142 | 6.91% | 1,497.50 | 53.79% | 2,877 |
| Drill Grounds | Tower 1-2 | 148 | 7.21% | 1,005.00 | 36.10% | 2,947 |
| Classrooms | Room 215 | 159 | 7.74% | 1,582.00 | 56.82% | 6,108 |
| Practical Trng Indoor | Multi-Use A | 174 | 8.47% | 733.50 | 26.35% | 4,747 |
| Practical Trng Indoor | Wellness Center | 233 | 11.34% | 303.00 | 10.88% | 6,637 |
| Totals: | 18 | 2054 | 100% | 13559.00 | | 48,050 |